

ECAT Chemistry Chapter 22 Alcohols, Phenols and Ethers

Sr	Questions	Answers Choice
1	Derivative of water is:	A. Alcohals B. Phenols C. Ether D. Phenol
2	Which compound will not dissolve in H ₂ O	A. C ₆ H ₆ B. C ₂ H ₅ OH C. CH ₃ CH ₂ CH ₂ OH D. CH ₃ - OH
3	On heating glycerol with conc. Sulphuric acid a compound with unpleasant odour is obtained. The compound is	A. Methyl alcohol B. Formic acid C. Prop-2-enal D. Glycerol sulphate
4	When alcohol reacts with concentrated H ₂ SO ₄ intermediate compound formed as	A. carbonium ion B. alkoxy ion C. alkyl hydrogen sulphate D. non of these
5	Phenol was discovered by:	A. Hofmann B. Runge C. Henderson D. Bakelite
6	If an electrophile attacks then _____ bond breaks first	A. C - H B. O - H C. C - O D. None of these
7	Nitration of phenol gives	A. o-nitrophenol B. p-nitrophenol C. m-nitrophenol D. Both o and p-nitrophenol
8	General formula of alcohol is:	A. ROH B. Ar-OH C. R-O-R D. Ph-OH
9	In Lucas test tertiary alcohol make an oily layer	A. Immediately B. In 10 mins C. On heating D. Not
10	Which of the following cannot be produced by acidic dehydration of alcohols?	A. Ethers B. Aldehyde C. Alkyl Hydrogen sulphate D. Alkene
11	Which alcohol gives only one oxidation product when worked with diluted acidified K ₂ Cr ₂ O ₇	A. Butan-1-ol B. Butan-2-ol C. 2-methyl propan-1-ol D. 2-methyl propan-2-ol
12	The boiling points of alcohols are higher than the corresponding alkanes, This is because	A. Of hydrogen bonding existing between molecules of alcohols B. Alkanes are dipolar compounds C. Alcohols are sweet in taste D. Alcohols are soluble in water
13	In Lucas test primary alcohol make as oily layer	A. Immediately B. In 10 mins C. On heating D. Not
14	When phenol is distilled with zinc dust. It is reduced to	A. Benzene B. Benzaldehyde C. Toluene D. Hexanol
15	Which of the following is the most suitable method for removing the traces of water from ethanol?	A. Reacting with Na metal B. Passing dry HCl through it C. Distilling it

D. Reacting with Mg

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- 16 In Dow's method, phenol can be made from
- A. Chlorobenzene
 - B. Benzene
 - C. Toluene
 - D. Benzene sulphonic acid
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- 17 Phenol is more readily soluble in
- A. Dil. HCl
 - B. Both NaOH and HCl
 - C. NaOH sol
 - D. Sodium bicarbonate solution
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- 18 which enzyme is not involved in the fermentation of starch ?
- A. Diastase
 - B. Zymase
 - C. Urease
 - D. Invertase
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- 19 Propanone is the product obtained by dehydrogenation of
- A. 2-Propanol
 - B. 1-Propanol
 - C. Isobutyl alcohol
 - D. Propanethoil
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- 20 Taste of lower alcohols is:
- A. Sweet
 - B. Bitter
 - C. Our
 - D. Salty
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